Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Modified Estimate

Name of Work: Maintenance of Foot Path & Construction Of SSM Wall And Kerb in Ward no.13, in Shettyhalli Sub-Division

Est .Cost Rs.10.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods complete as per specifications,specification. No. KBS 2.1(b)/2.3.5 (I.tm No.2.4, P.No.5, SR:2016-17)								
		Cum	1	88.00	1.00	1.05	92.40		
							92.40	**305.64**	**28241.14**
	Basic Rate	283.00							
	Area Weightage 8%	22.64							
	Total	**305.64**							
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.2, P.No.12, SR:2016-17)								
		Cum	1	88.00	1.00	0.15	13.20		
							13.20	**5449.68**	**71935.78**
	Basic Rate	5,046.00							
	Area Weightage 8%	403.68							
	Total	**5,449.68**							
3	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2016-17)								
	45% of Total Earth Excavation	Cum					46.20		
							46.20	**137.16**	**6336.79**
	Basic Rate	127.00							
	Area Weightage 8%	10.16							
	Total	**137.16**							
4	KSRB 5.4-3: Providing and constructing granite I trap I basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of aterials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 (Page No. 23, It No. 5.13 of KPWD S.R 2016-17)								
		Cum	1	88.00	0.80	0.80	56.32		
							56.32	**5668.92**	**319273.57**
	Basic Rate	5,249.00							
	Area Weightage 8%	419.92							
	Total	**5,668.92**							
5	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page No. 23, It No. 5.9 of KPWD S.R 2016-17)								
		Cum	1	88.00	0.60	0.45	23.76		

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	Basic Rate	5,005.00							
	Area Weightage 8%	400.40							
	Total	**5,405.40**							
6	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, In foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.(Page No. 12, It No. 4.5 of KPWD S.R 2016-17)								
		Cum							
	for pillars		42	0.45	0.60	0.40	4.54		
	for coping		1	88.00	0.60	0.10	5.28		
							9.82	**5985.36**	**58752.29**
	Basic Rate	5,542.00							
	Area Weightage 8%	443.36							
	Total	**5,985.36**							
7	Supplying and fixing M.S Rectangular poles made out of 2 equal angles of 65X65X6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all Materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in-Charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (Page No. 262, It No. 37.2 of KPWD S.R 2016-17)								
		M	42	3.00			126.00		
							126.00	**884.52**	**111449.52**
	Basic Rate	819.00							
	Area Weightage 8%	65.52							
	Total	**884.52**							
8	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between / the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. specification. No. KBS 37.4 PWD (Page No. 262, It No. 37.4 of KPWD S.R 2016-17)								
		M	3	88.00			264.00		
							264.00	**349.92**	**92378.88**
	Basic Rate	324.00							
	Area Weightage 8%	25.92							
	Total	**349.92**							
9	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint specification. No. KBS 37.3(Page No. 262, It No. 37.3 of KPWD S.R 2016-17)								
		Sqm	1	88.00		1.80	158.40		
							158.40	**711.72**	**112736.45**
	Basic Rate	659.00							
	Area Weightage 8%	52.72							
	Total	**711.72**							
10	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (Page No. 121, It No. 15.73 of KPWD S.R 2016-17)								
		Sqm	1	88.00		1.80	158.40		

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							158.40	31.32	4961.09
	Basic Rate	29.00							
	Area Weightage 8%	2.32							
	Total	31.32							
11	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 121, It No. 15.74 of KPWD S.R 2016-17)								
		Sqm	1	88.00		1.80	158.40		
							158.40	88.56	14027.90
	Basic Rate	82.00							
	Area Weightage 8%	6.56							
	Total	88.56							
							Sub Total		948525.72
12	Add Tender Premium @ 5%								47426.29
13	Miscellaneous and unforseen Charges								4048.00
								Total	1000000.00
	(RupeesTen Lakhs Only)								

Certificate:-

1. The work spot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

Asst Engineer
Ward No-13
BBMP

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ.EE/DD/TS/86/17-18 ದಿನಾಂಕ :

ರೂ. Rs 10,00 Lakhs

Rupees Ten Lakhs Only

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ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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